

Specificații



Eaton 194734

Eaton Moeller series xPole - HL/HL-HX MCB.
HL, xPole Home, 1-pole, tripping characteristic: C,
rated current In: 32 A, rated switching capacity
IEC/EN 60898-1: 4,5 kA

Specificații generale

PRODUCT NAME	Eaton Moeller series xPole - HL/HL-HX MCB
CATALOG NUMBER	194734
EAN	9010238062184
PRODUCT LENGTH/DEPTH	85 mm
PRODUCT HEIGHT	73 mm
PRODUCT WIDTH	17.7 mm
PRODUCT WEIGHT	0.12 kg
COMPLIANCES	RoHS conform
MODEL CODE	HL-C32/1

Informații suplimentare	
CURRENT LIMITING CLASS	3
FEATURES	Additional equipment possible
SPECIAL FEATURES	Ambient temperature hint: a 1 °C increase results in a 0.5% linear reduction of current carrying capacity
SUITABLE FOR	Flush-mounted installation
USED WITH	Miniature circuit breaker HL

Programul de livrare	
AMPERAGE RATING	32 A
APPLICATION	- Switchgear for residential and commercial applications - xPole Home - Switchgear for residential applications
NUMBER OF POLES	Single-pole
NUMBER OF POLES (PROTECTED)	1
NUMBER OF POLES (TOTAL)	1
RELEASE CHARACTERISTIC	C
TRIPPING CHARACTERISTIC	C
TYPE	- HL - Miniature circuit breaker

Verificarea proiectării conform IEC/EN 61439

10.10 TEMPERATURE RISE	The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices.
10.11 SHORT-CIRCUIT RATING	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.12 ELECTROMAGNETIC COMPATIBILITY	Is the panel builder's responsibility. The specifications for the switchgear must be observed.
10.13 MECHANICAL FUNCTION	The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.
10.2.2 CORROSION RESISTANCE	Meets the product standard's requirements.
10.2.3.1 VERIFICATION OF THERMAL STABILITY OF ENCLOSURES	Meets the product standard's requirements.
10.2.3.2 VERIFICATION OF RESISTANCE OF INSULATING MATERIALS TO NORMAL HEAT	Meets the product standard's requirements.
10.2.3.3 RESIST. OF INSUL. MAT. TO ABNORMAL HEAT/FIRE BY INTERNAL ELECT. EFFECTS	Meets the product standard's requirements.
10.2.4 RESISTANCE TO ULTRA-VIOLET (UV) RADIATION	Meets the product standard's requirements.
10.2.5 LIFTING	Does not apply, since the entire switchgear needs to be evaluated.
10.2.6 MECHANICAL IMPACT	Does not apply, since the entire switchgear needs to be evaluated.
10.2.7 INSCRIPTIONS	Meets the product standard's requirements.
10.3 DEGREE OF PROTECTION OF ASSEMBLIES	Does not apply, since the entire switchgear needs to be evaluated.
10.4 CLEARANCES AND CREEPAGE DISTANCES	Meets the product standard's requirements.
10.5 PROTECTION AGAINST ELECTRIC SHOCK	Does not apply, since the entire switchgear needs to be evaluated.
10.6 INCORPORATION OF SWITCHING DEVICES AND COMPONENTS	Does not apply, since the entire switchgear needs to be evaluated.
10.7 INTERNAL ELECTRICAL CIRCUITS AND CONNECTIONS	Is the panel builder's responsibility.
10.8 CONNECTIONS FOR EXTERNAL	Is the panel builder's responsibility.

Verificarea designului conform cu IEC/EN 61439 - date tehnice

AMBIENT OPERATING TEMPERATURE - MAX	75 °C
AMBIENT OPERATING TEMPERATURE - MIN	-25 °C
EQUIPMENT HEAT DISSIPATION, CURRENT-DEPENDENT	3.7 W
HEAT DISSIPATION CAPACITY	0 W
HEAT DISSIPATION PER POLE, CURRENT-DEPENDENT	0 W
RATED OPERATIONAL CURRENT FOR SPECIFIED HEAT DISSIPATION (IN)	32 A
STATIC HEAT DISSIPATION, NON-CURRENT-DEPENDENT	0 W

CONDUCTORS	
10.9.2 POWER-FREQUENCY ELECTRIC STRENGTH	Is the panel builder's responsibility.
10.9.3 IMPULSE WITHSTAND VOLTAGE	Is the panel builder's responsibility.
10.9.4 TESTING OF ENCLOSURES MADE OF INSULATING MATERIAL	Is the panel builder's responsibility.

Technical data - electrical	
FREQUENCY RATING - MAX	60 Hz
FREQUENCY RATING - MIN	50 Hz
OVERVOLTAGE CATEGORY	III
POLLUTION DEGREE	3
RATED IMPULSE WITHSTAND VOLTAGE (UIMP)	4 kV
RATED INSULATION VOLTAGE (UI)	440 V
RATED OPERATIONAL VOLTAGE (UE) - MAX	230 V
RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC/EN 60898-1) - ICN AT 230 V	4.5 kA
RATED SHORT-CIRCUIT BREAKING CAPACITY (IEC/EN 60898-1)- ICN AT 400 V	4.5 kA
RATED SWITCHING CAPACITY (IEC/EN 60898-1)	4.5 kA
VOLTAGE TYPE	AC

Technical data - mechanical	
BUILT-IN DEPTH	44 mm
CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MAX	25 mm²
CONNECTABLE CONDUCTOR CROSS SECTION (MULTI-WIRED) - MIN	1 mm²
CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MAX	25 mm²
CONNECTABLE CONDUCTOR CROSS SECTION (SOLID-CORE) - MIN	1 mm²
DEGREE OF PROTECTION	IP20
WIDTH IN NUMBER OF MODULAR SPACINGS	1

Resurse

BROȘURI

[eaton-xPole-home-leaflet-br003019en-en-gb.pdf](#)

CATALOAGE

[eaton-xpole%20home-hl-hx-mcb-catalog-ca019019en-en-us.pdf](#)

CHARACTERISTIC CURVE

[eaton-xpole-mmc4-6-m-mcb-characteristic-curve-004.jpg](#)

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DESENE

[eaton-xpole-hlhl-hx-mcb-3d-drawing-002.jpg](#)

[eaton-xpole-pl6-mcb-dimensions.jpg](#)

MCAD MODEL

[eaton-non-selective-universal-mcb-mcad-3d-models-faz-xxx-1p.stp](#)

SCHEME ELECTRICE

[eaton-xpole-mmc4-6-m-mcb-wiring-diagram-002.jpg](#)

DENUMIREA
PROIECTULUI:

NUMĂRUL PROIECTULUI:

PREGĂTIT DE:

DATA:



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